## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

JUN 2 2 2005

Docket No. 2133.060USU
Customer No.: 27623

As below name the theory we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our respective names.

We believe we are the original, and first joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### METHOD FOR PRODUCING PATTERNED LAYERS ON SUBSTRATES

| the specification of w | /hich                |   | ·                              |
|------------------------|----------------------|---|--------------------------------|
| (check one)            |                      | is attached hereto.   |                                |
| •                      | <u>XXX</u><br>10/511 | was filed on October 15, 2004 as Application 334 and was amended on | Serial No.<br>(if applicable). |
| We hereby state that   |                      |   | ,                              |

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to us to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code,  $\S119(a) - (d)$  or (f), or Section 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s) or Section 365(a) of any PCT International Application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s) or PCT International application having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | ·                           |  | Priority Claimed |
|------------------------------|-----------------------------|--|------------------|
| PCT/EP03/03884               | PCT                         | April 15, 2003                         | <u>X</u> Yes No  |
| (Number)                     | (Country)                   | (Day/Mon/Year Filed)                   |                  |
|                              | <u>Germany</u><br>(Country) | April 15, 2002<br>(Day/Mon/Year Filed) | <u>X</u> Yes No  |
| 102 22 958.9                 | <u>Germany</u>              | May 23, 2002                           | <u>X</u> Yes No  |
| (Number)                     | (Country)                   | (Day/Mon/Year Filed)                   |                  |
| 102 22 964.3                 | Germany                     | May 23, 2002                           | <u>X</u> Yes No  |
| (Number)                     | (Country)                   | (Day/Mon/Year Filed)                   |                  |
| 102 22 609.1                 | Germany                     | May 23, 2002                           | <u>X</u> Yes No  |
| (Number)                     | (Country)                   | (Day/Mon/Year Filed)                   |                  |

Page 1 of 3

| nsofar as the subject prior United States Code, §17 Title 37. Code of  | November 13, 2002 (Day/Mon/Year Filed)  January 16, 2003 (Day/Mon/Year Filed)  X Yes November 13, 2002  X Yes November 12, Yes November 12, We acknowledge the duty to disclose federal Regulations, §1.56(a) which action and the national or PCT international |
|--|--|
| (Country)  ler Title 35, United as the subject of United States Code, §17 and Title 37, Code of the prior application. | (Day/Mon/Year Filed)  States Code, §120 of any United States ect matter of each of the claims of this es application in the manner provided by the 12, we acknowledge the duty to disclose federal Regulations, \$1.56(a) which                                  |
| nsofar as the subject prior United States Code, §17 Title 37, Code of of the prior application                         | ect matter of each of the claims of this es application in the manner provided by the 12, we acknowledge the duty to disclose  |
| (Filing Date)  | · ·  |
| (*g 24.0)  | (Status - patent, pend., abandon.)   |
| (Filing Date)  | (Status - patent, pend., abandon.)   |
| er 35 U.S.C. Section   | on 119(e) of any United States provisional   |
| (Filing Date)  | (Status - patent, pend., abandon.)   |
| (Filing Date)  | (Status - patent, pend., abandon.)   |
| application and tra  | hereby appoint the following attorney(s) ansact all business in the Patent and   |
|  | REGISTRATION NUMBERS   |
|  | 28,468<br>31,019   |
| q.   | DIRECT TELEPHONE<br>CALLS TO:  |
| th Floor   | Charles N.J. Ruggiero, Esq.<br>Telephone: (203) 327-4500<br>Telefax: (203) 327-6401  |
|  | (Filing Date)  (Filing Date)  ned inventors, we application and traewith.  CE TO:  |

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   | _ | λ |
|---|---|---|
| I | ť |   |

| FULL NAME               | LAST NAME                            | FIRST NAME               | MIDDLE NAME           |
|-------------------------|--------------------------------------|--------------------------|-----------------------|
| OF INVENTOR             | Leib                                 | Jurgen                   |                       |
| RESIDENCE & CITIZENSHIP | CITY Freising  DEV                   | STATE OR COUNTRY Germany | CITIZENSHIP<br>German |
| POST OFFICE             | P.O. ADDRESS Philipp-Dirr-Strasse 14 | CITY & STATE             | ZIP CODE              |
| ADDRESS                 |                                      | Freising, Germany        | 85345                 |

Jurgen Leib Date 6 June , 2005

|                         |                  | •                              |                       |
|-------------------------|------------------|--------------------------------|-----------------------|
| FULL NAME               | LAST NAME        | FIRST NAME                     | MIDDLE NAME           |
| OF INVENTOR             | Bieck            | Florian                        |                       |
| RESIDENCE & CITIZENSHIP | CITY<br>Mainz    | STATE OR<br>COUNTRY<br>Germany | CITIZENSHIP<br>German |
| POST OFFICE             | P.O. ADDRESS     | CITY & STATE                   | ZIP CODE              |
| ADDRESS                 | Mozartstrasse 21 | Mainz, Germany                 | 55118                 |

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_, 2005

| FULL NAME<br>OF INVENTOR | LAST NAME<br>Mund                | FIRST NAME<br>Dietrich                   | MIDDLE NAME           |
|--------------------------|----------------------------------|--|-----------------------|
| RESIDENCE & CITIZENSHIP  | CITY<br>Obersussbach             | STATE OR COUNTRY Germany                 | CITIZENSHIP<br>German |
| POST OFFICE<br>ADDRESS   | P.O. ADDRESS<br>Buchjenstrasse 9 | CITY & STATE<br>Obersussbach,<br>Germany | ZIP CODE<br>84101     |

|                      | • •           |            | •      |
|----------------------|---------------|------------|--------|
| Inventor's signature | •             | <u>_</u> · |        |
|                      |               | Date       | , 2005 |
|                      | Dietrich Mund |            | , 2003 |

# DECEARAFION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No.2133.060USU

Customer No.: 27623

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our respective names.

We believe we are the original, and first joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### METHOD FOR PRODUCING PATTERNED LAYERS ON SUBSTRATES

| the specification of whi                          | ich              |   |   |                            |
|---|------------------|---|---|----------------------------|
| (check one)                                       | <del></del>      | is attached hereto.   |   | •                          |
|   | / /              | was filed on <u>October 15, 2004</u> a 1,334 and was amended on |   | (if applicable).           |
| We hereby state that was specification, including | ve hav<br>the cl | re reviewed and understand the claims, as amended by any amend  | ontents of the<br>Imen <del>t r</del> eferred | above identified to above. |
| We acknowledge the d                              | luty to          | disclose to the U.S. Patent and T                               | Fradoma-Is Off                                | C                          |

known to us to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code,  $\S119(a) - (d)$  or (f), or Section 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s) or Section 365(a) of any PCT International Application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s) or PCT International application having a filing date before that of the application on which priority is claimed:

| Drion Consists August 11     |                             |  | •                |
|------------------------------|-----------------------------|--|------------------|
| Prior Foreign Application(s) |                             |  | Priority Claimed |
| PCT/EP03/03884<br>(Number)   | PCT (Country)               | April 15, 2003<br>(Day/Mon/Year Filed) | X Yes No         |
| 202 05 830.1<br>(Number)     | <u>Germany</u><br>(Country) | April 15, 2002<br>(Day/Mon/Year Filed) | X Yes No         |
| 102 22 958.9<br>(Number)     | <u>Germany</u><br>(Country) | May 23, 2002<br>(Day/Mon/Year Filed)   | X Yes No         |
| 102 22 964.3<br>(Number)     | Germany<br>(Country)        | May 23, 2002<br>(Day/Mon/Year Filed)   | X Yes No         |
|                              | Germany<br>(Country)        | May 23, 2002<br>(Day/Mon/Year Filed)   | X Yes No         |

| 102 52 787.3                    | Germany                               | November 12 2000                          |   |
|---------------------------------|---------------------------------------|---|---|
| (Number)                        | (Country)                             | November 13, 2002<br>(Day/Mon/Year Filed) | <u>X</u> Yes No   |
| 102.04.550.0                    |                                       | (= = j///otil / odi / lica)               |   |
| 103 01 559.0<br>(Number)        | <u>Germany</u>                        | January 16, 2003                          | X Yes No  |
| (Mulliber)                      | (Country)                             | (Day/Mon/Year Filed)                      |   |
|                                 |                                       |   |   |
| We hereby claim the benef       | it under Title 35, Unite              | d States Code, §120 of any                | United States   |
| application(3) listed below a   | INO. INSOTAT AS THE SUB               | Nect matter of each of the                |   |
| abbuoguou is tiot disciosed     | in the prior United Sta               | ites application in the moone             |   |
| mer paragraph of Title 55, (    | Mileo States Code 6.                  | 112 We acknowledge the du                 | 4, 4, 4, 4, 4, 11, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, |
| Thaterial implifiation as dell  | nea in Title 37 Code a                | nt Federal Regulations sa s               | $C(-1)$ . Let $\Gamma$                                    |
| occarred perweel the HILIG      | date of the prior applic              | cation and the national or PC             | T international   |
| filing date of this application | n:                                    |   | or international  |
|                                 |                                       |   |   |
| (Application Serial No.)        |                                       |   |   |
| (Application Serial No.)        | (Filing Date)                         | (Status - patent, pen                     | d., abandon.)   |
|                                 |                                       | ·   | ·   |
| (Application Serial No.)        | (Filing Date)                         | /Status potent                            |   |
| ·                               | _ ,                                   | (Status - patent, pend                    | •   |
| We hereby claim the benefit     | t under 35 U.S.C. Sect                | tion 119(e) of any United Sta             | etos provinional  |
| application(s) listed below:    |                                       | ·   | ries provisional  |
| -                               |                                       |   | •   |
| (Application Coriel No.)        |                                       |   | •   |
| (Application Serial No.)        | (Filing Date)                         | (Status - patent, pend                    | d., abandon.)   |
|                                 |                                       |   | •   |
| (Application Serial No.)        | (Filing Date)                         | (Status patent page                       | 1 _ 1   |
|                                 | (9 = 4.0)                             | (Status - patent, pend                    | i., abandon.)   |
| DOWED OF ATTOM                  |                                       |   |   |
| POWER OF ATTORNEY: A            | s named inventors, we                 | hereby appoint the followin               | g attornev(s)   |
| - Secure of the production      | i ulis abblication and tr             | ansact all business in the Pa             | atent and   |
| Trademark Office connected      | therewith.                            |   |   |
| NAMES                           |                                       |   |   |
| INAINES                         | •                                     | REGISTRAT                                 | TION NUMBERS  |
| Charles N.J. Ruggier            |                                       | •   |   |
| Paul D. Greeley                 | O                                     | 28,40                                     | 68  |
| , ddi D. Orceley                | · · · · · · · · · · · · · · · · · · · | 31,0                                      | 19  |
| SEND COPPESSON                  | IDENOE TO                             |   |   |
| SEND CORRESPON                  | IDENCE TO:                            | DIRECT TE                                 | LEPHONE   |
| Charles N.J. Ruggier            | o Esa                                 | CALLS TO:                                 |   |
| Ohlandt Greeley Di              | o, Esq.<br>ggiero & Perle, L.L.P.     |   |   |
| One Landmark Squa               | yyicio & rene, L.L.P.                 |   | Ruggiero, Esq.  |
| Stamford, Connecticu            | it 1601-2692                          | Telephone:                                | (203) 327-4500  |
|                                 | 1. 0030 1-2002                        | Telefax: (20                              | 3) 327-6401   |
|                                 |                                       |   | •   |

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| FULL NAME               | LAST NAME                            | FIRST NAME                     | MIDDLE NAME           |
|-------------------------|--------------------------------------|--------------------------------|-----------------------|
| OF INVENTOR             | Leib                                 | Jurgen                         |                       |
| RESIDENCE & CITIZENSHIP | CITY Freising                        | STATE OR<br>COUNTRY<br>Germany | CITIZENSHIP<br>German |
| POST OFFICE             | P.O. ADDRESS Philipp-Dirr-Strasse 14 | CITY & STATE                   | ZIP CODE              |
| ADDRESS                 |                                      | Freising, Germany              | 85345                 |

| nventor's signature | Date | <u> </u> |
|---------------------|------|----------|
| Jurgen Leil         |      | ) 2000   |

200

| FULL NAME               | LAST NAME        | FIRST NAME                     | MIDDLE NAME           |
|-------------------------|------------------|--------------------------------|-----------------------|
| OF INVENTOR             | Bieck            | Florian                        |                       |
| RESIDENCE & CITIZENSHIP | CITY<br>Mainz    | STATE OR<br>COUNTRY<br>Germany | CITIZENSHIP<br>German |
| POST OFFICE             | P.O. ADDRESS     | CITY & STATE                   | ZIP CODE              |
| ADDRESS                 | Mozartstrasse 21 | Mainz, Germany                 | 55118                 |

Inventor's signature

Florian Bieck

Date 7-Hay-05, 2005

up

| FULL NAME<br>OF INVENTOR | LAST NAME<br>Mund             | FIRST NAME<br>Dietrich                   | MIDDLE NAME           |
|--------------------------|-------------------------------|--|-----------------------|
| RESIDENCE & CITIZENSHIP  | CITY<br>Obersussbach          | STATE OR<br>COUNTRY<br>Germany           | CITIZENSHIP<br>German |
| POST OFFICE<br>ADDRESS   | P.O. ADDRESS Buchjenstrasse 9 | CITY & STATE<br>Obersussbach,<br>Germany | ZIP CODE<br>84101     |

Inventor's signature

Whit Mind

Date 18- Mas 05 2005

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

JUN 2 2 2005

Docket No.<u>2133.060USU</u>
Customer No.: <u>27623</u>

As below hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our respective names.

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### METHOD FOR PRODUCING PATTERNED LAYERS ON SUBSTRATES

| the specification of | which |
|----------------------|-------|
|----------------------|-------|

| (check one) |      | is attached hereto. |   |
|-------------|------|---------------------|---|
|             | \OW\ |                     | • |

was filed on October 15, 2004 as Application Serial No. 10/511,334 and was amended on \_\_\_\_\_ (if applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to us to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a) – (d) or (f), or Section 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s) or Section 365(a) of any PCT International Application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s) or PCT International application having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) |               |  | Priority Claimed |
|------------------------------|---------------|--|------------------|
| PCT/EP03/03884<br>(Number)   | PCT (Country) | April 15, 2003<br>(Day/Mon/Year Filed) | X Yes No         |
| 202 05 830.1                 | Germany       | April 15, 2002                         | X Yes No         |
| (Number)                     | (Country)     | (Day/Mon/Year Filed)                   |                  |
| 102 22 958.9                 | Germany       | May 23, 2002                           | X Yes No         |
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| 102 22 964.3                 | Germany       | May 23, 2002                           | <u>X</u> Yes No  |
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| 102 22 609.1                 | Germany       | May 23, 2002                           | X Yes No         |
| (Number)                     | (Country)     | (Day/Mon/Year Filed)                   |                  |

Page 1 of 3

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Germany

Telefax: (203) 327-6401

| 103 01 559.0 Germany January   |                                    |
|--|------------------------------------|
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| - Julianity  |                                    |
| (Number) (Country) (Day/Mon/   | Year Filed)                        |
| · · · · · · · · · · · · · · · · · · ·  |                                    |
| We hereby daim the hanofit under Title 25. United Otates O.  | 1 0400 6                           |
| We hereby claim the benefit under Title 35, United States Cocapplication(s) listed below and, insofar as the subject matter of   | de, §120 of any United States      |
| application is not disclosed in the prior United States application  | on each of the claims of this      |
| first paragraph of Title 35, United States Code, §112, we acknowledge to the states of | nowledge the duty to disclose      |
| material information as defined in Title 37, Code of Federal Ri  | egulations 81.56(a) which          |
| occurred between the filing date of the prior application and the  | e national or PCT international    |
| filing date of this application:   |                                    |
|  | •                                  |
| /Application Contains  |                                    |
| (Application Serial No.) (Filing Date) (St   | atus - patent, pend., abandon.)    |
|  |                                    |
| (Application Serial No.) (Filing Date) (St   | atus - patent, pend., abandon.)    |
|  | •                                  |
| We hereby claim the benefit under 35 U.S.C. Section 119(e) of  | of any United States provisional   |
| application(s) listed below:   |                                    |
|  |                                    |
| (Application Serial No.) (Filing Date) (St   |                                    |
| (State)  | atus - patent, pend., abandon.)    |
|  |                                    |
| (Application Serial No.) (Filing Date) (Sta  | atus - patent, pend., abandon.)    |
| •  |                                    |
| POWER OF ATTORNEY: As named inventors, we hereby app   | aint the fallows at                |
| and/or agent(s) to prosecute this application and transact all be  | voint the following attorney(s)    |
| Frademark Office connected therewith.  | usiness in the Patent and          |
|  |                                    |
| NAMES  | REGISTRATION NUMBERS               |
|  | THEORITON NONDERS                  |
| Charles N.J. Ruggiero  | 28.468                             |
| Paul D. Greeley  | ·                                  |
|  |                                    |
| SEND CORRESPONDENCE TO:  | DIRECT TELEPHONE                   |
|  | CALLS TO:                          |
| Charles N.J. Ruggiero, Esq.  |                                    |
| Ohlandt, Greeley, Ruggiero & Perle, L.L.P.   | Charles N.J. Ruggiero, Esq.        |
| One Landmark Square, 10th Floor Stamford, Connecticut 06001 2600   | Telephone: (203) 327-4500          |
| NAMES Charles N.J. Ruggiero Paul D. Greeley  | REGISTRATION NUMBERS 28,468 31,019 |

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Stamford, Connecticut 06901-2682

| FULL NAME               | LAST NAME                            | FIRST NAME                     | MIDDLE NAME           |
|-------------------------|--------------------------------------|--------------------------------|-----------------------|
| OF INVENTOR             | Leib                                 | Jurgen                         |                       |
| RESIDENCE & CITIZENSHIP | CITY Freising                        | STATE OR<br>COUNTRY<br>Germany | CITIZENSHIP<br>German |
| POST OFFICE             | P.O. ADDRESS Philipp-Dirr-Strasse 14 | CITY & STATE                   | ZIP CODE              |
| ADDRESS                 |                                      | Freising, Germany              | 85345                 |

| Inventor's signature     | Jurgen Leib                      |                                | ate, 200              | ) <del>(</del> |
|--------------------------|----------------------------------|--------------------------------|-----------------------|----------------|
| FULL NAME<br>OF INVENTOR | LAST NAME<br>Bieck               | FIRST NAME<br>Florian          | MIDDLE NAME           |                |
| RESIDENCE & CITIZENSHIP  | CITY<br>Mainz                    | STATE OR<br>COUNTRY<br>Germany | CITIZENSHIP<br>German |                |
| POST OFFICE<br>ADDRESS   | P.O. ADDRESS<br>Mozartstrasse 21 | CITY & STATE<br>Mainz, Germany | ZIP CODE<br>55118     |                |
| Inventor's signature _   | Florian Bieck                    | med Da                         | ate 7-May-05, 200     | 5              |

| FULL NAME<br>OF INVENTOR | LAST NAME<br>Mund                | FIRST NAME<br>Dietrich                   | MIDDLE NAME           |
|--------------------------|----------------------------------|--|-----------------------|
| RESIDENCE & CITIZENSHIP  | CITY<br>Obersussbach             | STATE OR<br>COUNTRY<br>Germany           | CITIZENSHIP<br>German |
| POST OFFICE<br>ADDRESS   | P.O. ADDRESS<br>Buchjenstrasse 9 | CITY & STATE<br>Obersussbach,<br>Germany | ZIP CODE<br>84101     |

|                      | •             | ·      |        |
|----------------------|---------------|--------|--------|
| Inventor's signature |               |        | •      |
| "" signature _       |               | Data   |        |
|                      |               | Date _ | , 2005 |
|                      | Dietrich Mund |        |        |